

## PATENT CLAIMS:

1. A system for utilizing information carriers in commercially used facilities such as, for example, shopping centers, leisure facilities and the like, having a number of goods stores and possibly restaurants of similar supply structures reachable via corridors connecting them with each other and a number of more or less centrally arranged payment cashier stations and a sign-posting system using information boards and further a system of information carriers conveying textual, graphic and / or acoustic advertising or other messages, whereby the shoppers are offered carts or other transport means for transporting their purchases and / or other items at least within the commercially used facility

**characterized in that**

- a number of information carriers is arranged over the floor space of the commercially used facility and said information carriers, to which, along with triggering for outputting a standard display, a device for triggering for outputting at least one, preferably a number of different advertising displays is associated and wherein the triggering of the information carriers can be switched by signal emitters, each of which emit a signal that is characteristic for a specific transport cart.

2. The system for utilizing information carriers according to Claim 1, wherein a switch-on time of selectable magnitude is assigned to the information



carriers are generally present that can be switched on/off or triggered within the area of the commercially used facility.

3. A system for utilizing information carriers according to Claims 1 and 2, wherein each of the displays that can be switched on and off and deviating from a standard display of an information carrier relative to a specific signal transmitter can be activated or triggered once or according to special pre-programming several times or in multiple arrangement via said signal transmitter.
4. The system for utilizing signal carriers according to Claims 1 to 3, wherein transmitting systems are provided in the area behind the exit or in front of the entrance of each facility, said transmitting systems resets the means emitting the encoded signals, in particular the interrogating transponder, so that each transponder represents its own new, discrete identity upon entering the facility.
5. The system utilizing information carriers according to Claims 1 to 4, wherein means emitting coded signals, in particular a interrogating transponder, is arranged on the transport carts provided for the use of the shoppers in the commercially used facility, said means emitting a signal that is characteristic exactly for said cart and is associated preferably with triggering a display that deviates from a standard display.
6. The system utilizing information carriers according to Claims 1 to 5, wherein all information carriers are



equipped at least with a device suitable for querying the coded data of the individual transponders, in particular a transmitting / receiving system.

- 5 7. The system utilizing information carriers according to Claims 1 to 6, wherein at least one counter device for acquisition and storing of the number of activation signals per unit of time is arranged downstream to the transmitting / receiving system,
- 10 8. The system utilizing information carriers according to Claims 1 to 7, wherein in addition to a counter device, a time cycle device is arranged downstream of the transmitting / receiving systems, which upon identifying a static activation signal for a specific advertising message, whose repetition is limited to  
15 pre-defined intervals.
- 20 9. The system utilizing information carriers according to Claims 1 to 8, wherein the information carriers are programmed with a standing advertising message, which autonomously switches on, if there is no activating signal for a triggerable advertising message.
10. The system utilizing information carriers according to Claims 1 to 9, wherein each display deviating from a standard display of an information carrier is assigned a limited switch-on time.
- 25 11. The system utilizing information carriers according to Claims 1 to 10, wherein the transmitting / receiving system of each information carrier is associated with a device, which prevents that during a running time a triggered display is not activated again by other



signal emitters entering the transmitting area of the transmitting / receiving system.

12. The system utilizing information carriers according to Claims 1 to 11, wherein the provision of the different  
5 advertising messages or displays on the individual information carriers is done by means of a wireless remote control system.
13. The system utilizing information carriers according to one of Claims 1 to 12, wherein in a centrally  
10 organized system utilizing information carriers is associated with a central computer for supplying the individual information carriers with displays, in particular temporary displays.
14. The system utilizing information carriers according to one of Claims 1 to 13, wherein in the case of a  
15 centrally organized system for utilizing information carriers the central computer manages the paid advertising time in such a fashion that each display is display for only so long as the advertising time is paid for and that all static data such as the  
20 frequency of triggering of the individual information carriers, the delimitation of the individual areas of the facility, the selection of the displays and in connection with antennas in the area of scanner cashier stations the association of the displays with  
25 sales of specific goods, are likewise processed in the central computer.
15. The system for utilizing information carriers according to one of Claims 1 to 12, wherein in the



case of a decentrally organized system for utilizing information carriers a mini-computer and a programmable memory for a number of different temporarily displayed displays and at least one  
5 further memory for collecting statistical data are associated with each of the information carriers, along with its transmitting / receiving system.

16. The system utilizing information carriers according to one of Claims 1 to 15, wherein at least one  
10 superordinate management computer is associated with the computers associated with a more-or-less optional number of systems.

